

# **Broadband Infrastructure Policy Barriers and Solutions For Accelerating Arizona's Economic Recovery and Growth An Overview**

**Presented September 29, 2011**

**to**

**Arizona Broadband Development Council  
Inaugural Meeting**

Michael Golden  
Director, Arizona Broadband Project  
Arizona Strategic Enterprise Technology (ASET)  
Office

Michael Keeling  
President  
Data Site Consortium, Inc.



**ASET**

## Premise

**Because Broadband Internet Services are fundamental to Arizona's economic growth, competitiveness and well-being, the underlying infrastructure for delivery of Broadband Internet Services is *essential*—as are our highways, electricity, and clean water.**



# Broadband Policy Barriers and Solutions

- **Broadband policy clusters for accelerating Arizona's economic recovery and growth**
  - Establishing broadband Internet capacity as an ***essential*** Infrastructure
  - Reducing economic barriers to widespread implementation of broadband Internet infrastructure
  - Promoting restructuring of public processes enabling widespread utilization of broadband Internet services



# Broadband Policy Barriers and Solutions

- **Policy Cluster 1: Establishing broadband Internet capacity as an *essential* infrastructure**
  - **Legislative actions**
    - Establish Broadband Infrastructure Authority
    - Establish non-tax-based sustainable funding
    - Establish 2-Highways-for-1 initiative
  - **Related policy actions**
    - Forge coalitions with state and local entities and planning groups
    - Implement the legislative actions—throughout Arizona
    - Monitor and advocate at federal and local levels



# Broadband Policy Barriers and Solutions

- **Policy Cluster 2: Reducing barriers to widespread implementation of Broadband Internet Infrastructure**
  - Expand access to longitudinal rights-of-way
  - Expand access to vertical rights-of-way
  - Exercise Arizona's right to transfer FCC-based rights-of-way decisions to the Infrastructure Authority
  - Expedite processes for establishing rights-of-way and easements
  - Unify and simplify related permitting processes





# Broadband Policy Barriers and Solutions

- **Policy Cluster 3: Promoting the restructuring of public processes enabling widespread utilization of broadband Internet services for all Arizonans**
  - **Expanding availability/accessibility for:**
    - K-12 learning platforms/processes
    - Higher education certificate and degree programs
    - Broader markets for unique AZ goods and services
    - Enabling telework
    - Medical services
    - Library services
    - Government services



# **Thank You**

**[www.azbroadband.gov](http://www.azbroadband.gov)**



# Contact Information

**[www.azbroadband.gov](http://www.azbroadband.gov)**

**Aaron Sandeen**

**State CIO**

**Chair: Broadband Development Council**

**[Aaron.Sandeen@azdoa.gov](mailto:Aaron.Sandeen@azdoa.gov)**

**602-542-2250**

**Michael Golden**

**Director, Broadband Planning**

**Arizona Broadband Project**

**[Mike.Golden@azdoa.gov](mailto:Mike.Golden@azdoa.gov)**

**928-301-0136**

**Galen Updike**

**Broadband Development Manager**

**[Galen.Updike@azdoa.gov](mailto:Galen.Updike@azdoa.gov)**

**602-364-4794**

**Jeffrey Crane**

**Project Manager**

**[Jeffery.Crane@azdoa.gov](mailto:Jeffery.Crane@azdoa.gov)**

**480-652-0384**

**Eric Thomas**

**Outreach Manager**

**[Eric.Thomas@azdoa.gov](mailto:Eric.Thomas@azdoa.gov)**

**602-309-6791**

